

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/28690

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B01F 7/16

US CL : 366/314

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 366/314

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 4,867,573 A (TSUTSUI et al.) 19 September 1989 (19.09.1989), see Figure 9 and col. 12, line 51 through col. 13, line 4.	1-3, 10-12, 19-21 ----- 4-9, 13-18, 22-26
X --- Y	US 6,253,762 B1 (BRITTO) 03 July 2001 (03.07.2001), see the Figure and col. 1, lines 63-67; col. 2, lines 1-10 and line 35-42; col. 4, lines 63-67; and col. 5, lines 1-63.	19-26 ----- 4-9, 13-18, 22-26
X --- Y	US 6,245,578 B1 (MOLLOY) 12 June 2001 (12.06.2001), see Figures 1A and 2 and col. 3, lines 15-18; col. 5, lines 30-36; and col. 6, lines 5-10.	1, 2, 6, 7, 19, 20, 23, 24
X --- Y	US 5,008,135 A (GIORDANO et al.) 16 April 1991 (16.04.1991), see entire document.	19-21 ----- 1-5, 10-13
Y	US 5,456,586 A (CARSON) 10 October 1995 (10.10.1995), see Figures 1-2.	1-5, 10-13
Y	US 6,428,199 B1 (RUPANER et al.) 06 August 2002 (06.08.2002), see the Figure.	1-5, 10-13

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

05 January 2004 (05.01.2004)

Date of mailing of the international search report

02 FEB 2004

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,333,372 B1 (TOMIHASHI et al.) 25 December 2001 (25.12.2001), see entire document.	8, 9, 17, 18, 25, 26
Y	US 4,546,141 A (GEBAUER) 08 October 1985 (08.10.1985), see entire document.	2-5, 8, 9, 11-14, 17, 18, 20-22, 25, 26
A	US 3,900,684 A (EDWARDS et al.) 19 August 1975 (19.08.1975), see col. 2, lines 34-40.	1-26
A	US 4,835,018 A (HIGGINBOTHAM et al.) 30 May 1989 (30.05.1989), see entire document.	8, 9, 17, 18, 25, 26

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Continuation of B. FIELDS SEARCHED Item 3:

EAST Text Search

Search Terms: fluorocarbon, impeller, stirrer, mixer, teflon, coating, polyethersulphone, primer